



## AMENDMENTS TO THE CLAIMS

- (cancelled)
79. (currently amended) A substantially purified nucleic acid comprising a nucleotide sequence selected from the group consisting of ~~one of SEQ ID NO: 1-3 or 34, and a fragment~~ fragments from about 15 to about 250 nucleotides in length of SEQ ID NO: ~~1-3, or 34~~ 3, that possesses a functional regulatory region ~~and is from about 15 to about 250 nucleotides in length~~.
80. (original) A cell comprising an introduced nucleic acid of the sequence as claimed in claim 79.
81. (previously presented) A vector comprising a substantially purified nucleic acid as claimed in claim 79.
- 82-90. (cancelled)
91. (cancelled)
92. (withdrawn) The nucleic acid of claim ~~[[91]]~~79, wherein the nucleotide sequence is SEQ ID NO: 1.
93. (withdrawn) The nucleic acid of claim ~~[[91]]~~79, wherein the nucleotide sequence is SEQ ID NO: 2.
94. (previously presented) A substantially purified nucleic acid comprising a nucleotide sequence of SEQ ID NO: 3, wherein said nucleotide sequence comprises a functional regulatory region.
95. (withdrawn) The nucleic acid of claim ~~[[91]]~~79, wherein the nucleotide sequence is SEQ ID NO: 34.
96. (previously presented) The nucleic acid of claim ~~[[91]]~~79, wherein the regulatory region is selected from the group consisting of a glucocorticoid response motif, a shear stress response motif, an NFκB recognition motif, and an AP1 motif.
97. (cancelled).
98. (withdrawn) The nucleic acid of claim 97, wherein the nucleotide sequence is a fragment of SEQ ID NO:1.
99. (withdrawn) The nucleic acid of claim 97, wherein the nucleotide sequence is a fragment of SEQ ID NO:2.
100. (currently amended) The nucleic acid of claim ~~[[97]]~~79, wherein ~~the~~ said nucleotide sequence is a linear single stranded fragment of SEQ ID NO: 3.

101. (withdrawn) The nucleic acid of claim 97, wherein the nucleotide sequence is a fragment of SEQ ID NO:34.
102. (currently amended) The nucleic acid of claim ~~97~~ 96, wherein ~~the~~ said regulatory region is selected from the group consisting of a glucocorticoid response motif, ~~a shear stress response motif~~, an NFkB recognition motif, and an AP1 motif.
103. (currently amended) A cell comprising an introduced nucleic acid, wherein [the] said nucleic acid comprises the nucleotide sequence of SEQ ID NO: 3 or a fragment of SEQ ID NO:3, ~~a nucleotide sequence selected from the group consisting of SEQ ID NO: 1-3 and 34~~, wherein the nucleotide sequence comprises a functional regulatory region.
104. (withdrawn) The cell of claim 103, where and the nucleotide sequence is with SEQ ID NO: 1.
105. (withdrawn) The cell of claim 103, where and the nucleotide sequence is SEQ ID NO: 2.
106. (currently amended) The cell of claim 103, wherein ~~the~~ said nucleotide sequence is SEQ ID NO: 3.
107. (withdrawn) The cell of claim 103, where and the nucleotide sequence is SEQ ID NO: 34.
108. (currently amended) The cell of claim 103, wherein said nucleotide sequence comprises a functional ~~the~~ regulatory region ~~[[is]]~~ selected from the group consisting of a glucocorticoid response motif, a shear stress response motif, an NFkB recognition motif, and an AP1 motif.
109. (currently amended) A cell comprising an introduced, substantially purified nucleic acid according to claim 103, ~~wherein the nucleic acid comprises a nucleotide sequence selected from the group consisting of fragments of SEQ ID NO: 1-3 and 34, wherein the nucleotide sequence comprises a functional regulatory region, and wherein said fragments are~~ fragment is about 15 to about 250 nucleotides in length.
110. (withdrawn) The cell of claim 109, where in the nucleotide sequence is a fragment of SEQ ID NO: 1.
111. (withdrawn) The cell of claim 109, where in the nucleotide sequence is a fragment of SEQ ID NO: 2.
112. (currently amended) The cell of claim ~~109~~ 103, wherein ~~the~~ said nucleotide sequence is present in ~~cloned into~~ a vector.
113. (withdrawn) The cell of claim 109, where in the nucleotide sequence is a fragment of SEQ ID NO: 34.

114. (previously presented) The cell of claim 109, wherein the regulatory region is selected from the group consisting of a glucocorticoid response motif, a shear stress response motif, an NFkB recognition motif, and an AP1 motif.
115. (currently amended) A vector comprising a substantially purified nucleic acid, wherein ~~the~~ said nucleic acid comprises a nucleotide sequence [selected from the group consisting] of SEQ ID NO: ~~1-3 and 34~~ 3, wherein the nucleotide sequence comprises a functional regulatory region.
116. (withdrawn) The vector of claim 115, wherein the nucleotide sequence is SEQ ID NO: 1.
117. (withdrawn) The vector of claim 115, wherein the nucleotide sequence is SEQ ID NO: 2.
118. (currently amended) The vector of claim 115, wherein ~~the nucleotide sequence is SEQ ID NO: 3, and~~ said vector is a plasmid vector.
119. (withdrawn) The vector of claim 115, wherein the nucleotide sequence is SEQ ID NO: 34.
120. (currently amended) A vector comprising a substantially purified nucleic acid, wherein said nucleic acid comprises a nucleotide sequence ~~selected from the group consisting of~~ SEQ ID NO: ~~1-3 and 34, and~~ 3, and wherein said nucleotide sequence comprises a functional regulatory region selected from the group consisting of a glucocorticoid response motif, a shear stress response motif, an NFkB recognition motif, and an AP1 motif.
121. (currently amended) A vector comprising a substantially purified nucleic acid, wherein ~~the said~~ said nucleic acid comprises ~~a nucleotide sequence selected from the group consisting of fragments~~ the nucleotide sequence of SEQ ID NO:3 or a fragment of SEQ ID NO: 1-3 and 34 3, wherein ~~the said~~ said nucleotide sequence comprises a functional regulatory region, and ~~wherein said fragments are~~ said fragment is about 15 to about 250 nucleotides in length.
122. (withdrawn) The vector of claim 121, wherein the nucleotide sequence is a fragment of SEQ ID NO: 1.
123. (withdrawn) The vector of claim 121, wherein the nucleotide sequence is a fragment of SEQ ID NO: 2.
124. (currently amended) The vector of claim 121, ~~wherein the nucleotide sequence is a fragment of SEQ ID NO: 3 and the vector further comprises~~ further comprising a TIGR protein coding sequence.
125. (withdrawn) The vector of claim 121, wherein the nucleotide sequence is a fragment of SEQ ID NO: 34.

126. (previously presented) The vector of claim 121, wherein the regulatory region is selected from the group consisting of a glucocorticoid response motif, a shear stress response motif, an NFκB recognition motif, and an AP1 motif.
127. (new) A substantially purified nucleic acid comprising a nucleotide sequence selected from the group consisting of fragments from about 15 to about 250 nucleotides in length of SEQ ID NO: 3.
128. (new) A cell comprising an introduced nucleic acid of the sequence as claimed in claim 127.
129. (new) A vector comprising a substantially purified nucleic acid as claimed in claim 127.
130. (new) The nucleic acid of claim 127, wherein the regulatory region is selected from the group consisting of a glucocorticoid response motif, a shear stress response motif, an NFκB recognition motif, and an AP1 motif.
131. (new) The nucleic acid of claim 127, wherein said nucleotide sequence is a linear single stranded fragment of SEQ ID NO: 3.
132. (new) A cell comprising an introduced nucleic acid, wherein said nucleic acid comprises the nucleotide sequence of SEQ ID NO: 3 or a fragment of SEQ ID NO:3.
133. (new) The cell of claim 132, wherein said nucleotide sequence is SEQ ID NO: 3.
134. (new) The cell of claim 132, wherein said nucleotide sequence comprises a glucocorticoid response motif, a shear stress response motif, an NFκB recognition motif, or an AP1 motif.
135. (new) The cell of claim 132, wherein said nucleotide sequence is present in a vector.
136. (new) A cell comprising an introduced, substantially purified nucleic acid according to claim 133, wherein said fragment is about 15 to about 250 nucleotides in length.
137. (new) The cell of claim 137, wherein the regulatory region is selected from the group consisting of a glucocorticoid response motif, a shear stress response motif, an NFκB recognition motif, and an AP1 motif.
138. (new) A vector comprising a substantially purified nucleic acid, wherein said nucleic acid comprises a nucleotide sequence of SEQ ID NO: 3.
139. (new) The vector of claim 138, wherein the nucleotide sequence is SEQ ID NO: 3, and said vector is a plasmid vector.
140. (new) A vector comprising a substantially purified nucleic acid, wherein said nucleic acid comprises a nucleotide sequence of SEQ ID NO: 3, and wherein said nucleotide

sequence comprises a glucocorticoid response motif, a shear stress response motif, an NFκB recognition motif, or an AP1 motif.

141. (new) A vector comprising a substantially purified nucleic acid, wherein said nucleic acid comprises the nucleotide sequence of SEQ ID NO:3 or a fragment of SEQ ID NO: 3, wherein said nucleotide sequence is about 15 to about 250 nucleotides in length.
142. (new) The vector of claim 141 further comprising a TIGR protein coding sequence.
143. (new) The vector of claim 141, wherein the regulatory region is selected from the group consisting of a glucocorticoid response motif, a shear stress response motif, an NFκB recognition motif, and an AP1 motif.